

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Original) A method for attaching a pellicle to a photomask, comprising:
providing a pellicle including a thin film coupled to a first surface of a frame,
the frame including a non-distorting mechanism coupled to a second surface of the
frame and located opposite the thin film; and
coupling the pellicle to a photomask using the non-distorting mechanism, the
non-distorting mechanism operable to reduce stress exerted on the photomask by the
pellicle.
2. (Original) The method of Claim 1, wherein coupling the pellicle to the
photomask using the non-distorting mechanism comprises:
mounting the frame on the photomask with an attachment mechanism; and
creating a seal between the frame and the photomask with a sealing
mechanism.
3. (Original) The method of Claim 2, wherein the sealing mechanism comprises
a gasket.
4. (Original) The method of Claim 3, wherein the gasket comprises a
fluoropolymer.
5. (Original) The method of Claim 3, wherein the gasket comprises a
polyphosphazene based material.
6. (Original) The method of Claim 3, wherein the gasket comprises a silicon
based gel material.

7. **(Currently Amended)** The method of Claim 2, wherein mounting the frame on the photomask with an attachment mechanism comprises:

- attaching a magnet to the second ~~[[end]]~~ surface of the frame;
- forming a magnetic section on the photomask; and
- coupling the magnet to the magnetic section.

8. **(Currently Amended)** The method of Claim 2, wherein mounting the frame on the photomask with an attachment mechanism comprises:

- forming a slot in the second ~~[[end]]~~ surface of the frame;
- attaching a pin to the photomask, the pin including a proximal end and a distal end;
- placing the distal end of the pin in the slot; and
- securing the pin in the slot by using a fastener associated with the frame.

9. **(Original)** The method of Claim 2, wherein mounting the frame on the photomask with an attachment mechanism comprises:

- forming an attachment point on an outer perimeter of the frame;
- attaching a clip to the photomask, the clip including a proximal end and a distal end; and
- placing the distal end of the clip in the attachment point to secure the pellicle to the photomask.

10. **(Original)** The method of Claim 2, wherein mounting the frame on the photomask with an attachment mechanism comprises:

- attaching a vacuum cup to the second end of the frame;
- placing the vacuum cup on the photomask; and
- applying a force on the pellicle to secure the pellicle to the photomask.

11. (Original) The method of Claim 1, further comprising the non-distorting mechanism operable to reduce degradation of a flatness associated with the photomask.

12. (Original) A pellicle, comprising:
a frame including a first surface located opposite of a second surface;
a transparent film attached to the first surface of the frame; and
a non-distorting mechanism coupled to the second surface of the frame, the non-distorting mechanism operable to couple the pellicle to a photomask and reduce stress exerted by the pellicle on the photomask.

13. (Original) The pellicle of Claim 12, wherein the non-distorting mechanism comprises:
an attachment mechanism operable to mount the frame on the photomask; and
a sealing mechanism operable to create a seal between the pellicle and the photomask after the frame has been mounted on the photomask.

14. (Original) The pellicle of Claim 13, wherein the sealing mechanism comprises a gasket.

15. (Original) The pellicle of Claim 14, wherein the gasket comprises a fluoropolymer.

16. (Original) The pellicle of Claim 14, wherein the gasket comprises a polyphosphazene based material.

17. (Original) The pellicle of Claim 14, wherein the gasket comprises a silicon based gel material.

18. (Original) The pellicle of Claim 13, wherein the attachment mechanism comprises a magnet operable to couple to a magnetic section formed on the photomask.

19. (Original) The pellicle of Claim 13, wherein the attachment mechanism comprises:

- a slot formed in the frame;
- a pin including a proximal end and a distal end, the proximal end operable to couple to the photomask; and
- a fastener associated with the frame, the fastener operable to secure the distal end of the pin in the slot.

20. (Original) The pellicle of Claim 13, wherein the attachment mechanism comprises:

- an attachment point formed along an outer perimeter of the frame; and
- a clip including a proximal end and a distal end, the proximal end operable to couple to the photomask and the distal end operable to engage the attachment point on the frame.

21. (Original) The pellicle of Claim 13, wherein the attachment mechanism comprises a vacuum cup operable to couple to the photomask.

22. (Original) A photomask assembly, comprising:

- a photomask including a patterned layer formed on a portion of a substrate;
- and
- a pellicle coupled to the substrate by a non-distorting mechanism, the pellicle including a thin film attached to a frame opposite the non-distorting mechanism, the non-distorting mechanism operable to reduce stress exerted on the photomask by the pellicle.

23. (Original) The photomask assembly of Claim 22, wherein the non-distorting mechanism comprises:

- an attachment mechanism operable to mount the frame on the photomask; and

a sealing mechanism operable to provide a seal between the pellicle and the photomask.

24. (Original) The photomask assembly of Claim 23, wherein the sealing mechanism comprises a gasket.

25. (Original) The photomask assembly of Claim 24, wherein the gasket comprises a fluoropolymer.

26. (Original) The photomask assembly of Claim 24, wherein the gasket comprises a polyphosphazene based material.

27. (Original) The photomask assembly of Claim 24, wherein the gasket comprises a silicon based gel material.

28. (Original) The photomask assembly of Claim 23, wherein the attachment mechanism comprises a magnet operable to couple to a magnetic section formed on the photomask.

29. (Original) The photomask assembly of Claim 23, wherein the attachment mechanism comprises:

- a slot formed in the frame;
- a pin including a proximal end and a distal end, the proximal end operable to couple to the photomask; and
- a fastener associated with the frame, the fastener operable to secure the distal end of the pin in the slot.

30. (Original) The photomask assembly of Claim 23, wherein the attachment mechanism comprises:

- an attachment point formed along an outer perimeter of the frame; and

a clip including a proximal end and a distal end, the proximal end operable to couple to the photomask and the distal end operable to engage the attachment point on the frame.

31. **(Currently Amended)** The photomask assembly of Claim ~~[[13]]~~ 23, wherein the attachment mechanism comprises a vacuum cup operable to couple to the photomask.

32. **(Original)** The photomask assembly of Claim 22, wherein the patterned layer comprises chrome with a reduced amount of intrinsic stress.